

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
27 September 2001 (27.09.2001)

PCT

(10) International Publication Number
WO 01/71485 A1(51) International Patent Classification?: G06F 7/60.
17/10, 101/00

(72) Inventors: AGRAWALA, Maneesh; 111 Park Street, San Francisco, CA 94110 (US). STOLTE, Chris; Escondido Village 18C, Stanford, CA 94305 (US).

(21) International Application Number: PCT/US01/08440

(22) International Filing Date: 16 March 2001 (16.03.2001)

(74) Agents: MORRIS, Francis, E. et al.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(25) Filing Language: English

(26) Publication Language: English

(81) Designated State (national): JP.

(30) Priority Data:
09/528.703 17 March 2000 (17.03.2000) US
09/727.646 30 November 2000 (30.11.2000) US

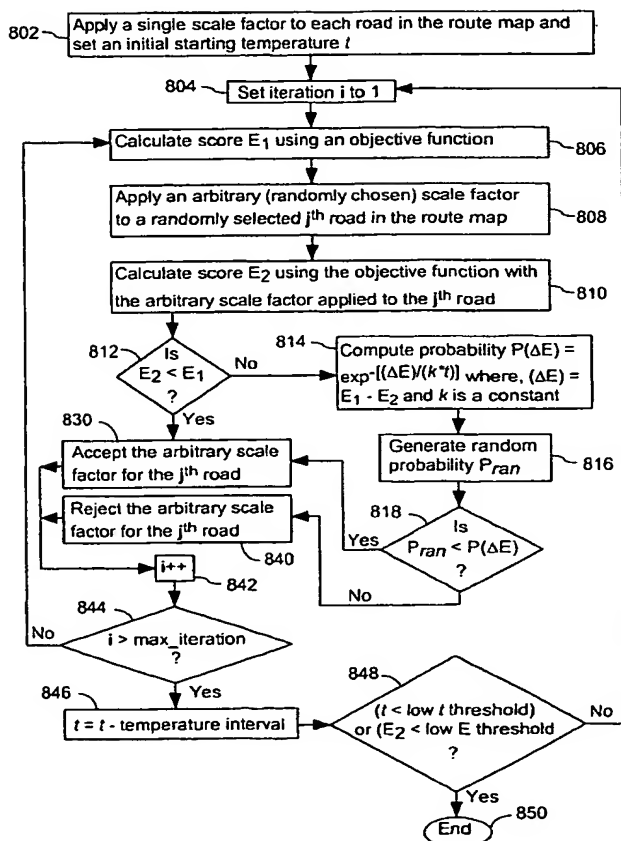
(84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).

(71) Applicant: VICINITY CORP. [US/US]: 370 San Aleso Avenue, Sunnyvale, CA 94085 (US).

Published:
--- with international search report

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR ABSTRACTING AND VISUALIZING A ROUTE MAP



(57) Abstract: A system and method for making computer-generated maps includes a different scale factor for each road in a route (Steps 802-850). The scale factors are used to optimize the route map against a target function. The display of the route map is optimized using fitting a collection of reference points with a probability function that is used to rotate the displayed route map. Display optimization further includes splitting route maps into separate segment maps.

WO 01/71485 A1



(48) Date of publication of this corrected version:

29 November 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(15) Information about Correction:

see PCT Gazette No. 48/2001 of 29 November 2001, Section II